Jon Rohrer, PE

Managing Principal

Jon Rohrer has more than 30 years of experience with CM, including construction of structures, roadways, and traffic control. He spent 22 years supervising bridge construction engineers for Caltrans Districts 7, 8, and 12, where he was able to establish positive professional relationships with local, state, and federal agencies. Jon's proven experience includes project management for highway and bridge construction on various projects, including interchange construction, design build construction, new bridge construction, retrofit construction, bridge widening, and grade separation projects.

EDUCATION

Master of Business Admin, Business Administration, California State University, Long Beach, 1998

Bachelor of Science, Civil Engineering, University of Illinois Urbana-Champaign, 1983

EXPERIENCE

Caltrans Area Construction Manager, 1994-2005
Caltrans Senior Bridge Engineer, 1991- 1993
Caltrans 1983-1991

Consultant Project Manager/ Managing Principal: HDR Engineering 2005- Present

REGISTRATIONS

Qualified SWPPP Developer (CA) CGP, California, United States

Professional Civil Engineer California, No. C42850

PROFESSIONAL MEMBERSHIPS

Construction Management Association of America, Member

Women's Transportation Seminar (WTS), Member

RELEVANT EXPERIENCE

Orange County Transportation Authority (OCTA), Sand Canyon Railroad Grade Separation, Irvine, CA. Project Manager. HDR is providing construction engineering and inspection services for construction of a grade separation between Metrolink railroad and Sand Canyon Boulevard. Jon is responsible for providing proper resources, advice on technical issues and potential claims, preparing monthly and weekly reports and monthly invoicing for the project and field office, assisting the resident engineer with complex issues and advising OCTA on constructability and claim issues.

OCTA, Northbound SR 57 Widening, Yorba Linda to Lambert, Brea, CA Project Manager. Project Manager. HDR provided construction engineering and inspection services for highway and bridge construction along the northbound SR 57 from Yorba Linda to Lambert. Jon was responsible for providing proper resources, advice on technical issues and potential claims, preparing monthly and weekly reports and monthly invoicing for the project and field office.

City of Riverside, Magnolia Avenue Grade Separation, *Riverside, CA* Constructability Reviewer. Provided constructability support during design, including plans, schedule, estimate, and specifications. HDR provided track, roadway, structure, and site civil engineering services to grade-separate the existing UPRR tracks from Magnolia Avenue. This task included the preparation of preliminary engineering, value analysis, environmental documentation, and final PS&E for shoofly, drainage, utilities, roadway, signalization, channelization/signing, street lighting, bridge, and landscaping.

Riverside County Transportation Commission (RCTC), Perris Valley Line Commuter Rail Extension Project, Riverside and South Perris, CA. Project Director and Structure Advisor. Responsible for managing resources for the project team and advising on technical structure issues. HDR is providing full CM QA inspection and oversight of this 24 mile extension of Metrolink commuter rail service and includes 4 new stations and 14 grade crossings and two replacement bridges. Deliverables include contractor pre-qualifications, design review, risk assessment, development of QA manual and project procedures manual. During construction phase, coordinate with design team, monitor all QA/QC field activities, coordinate with Metrolink and

BNSF, environmental and Native American monitoring, public outreach, administer RFIs, submittals, progress pay, change orders and materials inspections. Construction Cost: $150M

SANBAG, I-215 Segment 1 and 2 Widening, San Bernardino, CA. Assistant Structure Representative. Jon worked with the Senior Structure Representative to review falsework and shoring, respond to RFIs and RFCs, write structure change orders, and manage the structure work on the project. This $172M project includes widening of the existing roadway, new drainages systems, replacement of several bridges over the highway and BNSF railroad tracks, widening of several existing bridges, new on- and off-ramps, auxiliary lanes all providing improved freeway operations, and easier access from the west side of the I-215 to the east side.

North County Transit District, Bridge Replacement Program On-Call, San Diego County, CA. Constructability Reviewer. Responsible for reviewing plans and specifications, assisting with design field reviews, and working with the designers to reduce conflicts between design plans and field conditions. HDR is providing North County Transit District with preliminary engineering and environmental permitting assistance to replace/repair eight timber trestle bridges on the San Diego Northern Railway (SDNR) at bridges 240.4, 246.1, 246.9, 247.1, 247.7, 248.5, 248.7, and 249.9. The SDNR is a high-speed passenger and freight railroad that serves NCTD's Coaster commuter rail service, Amtrak's Pacific Surfliner intercity passenger trains, and Burlington Northern Santa Fe Railroad freight trains.

City of Riverside, Jurupa Avenue Underpass - Phase II Construction Management, Riverside, CA. Project Manager/Bridge Engineer. Responsible for all aspects of project construction administration including staffing, meeting with the contractor and the City, work directly on the project for technical bridge and roadway issues, and other aspects of the project. This project consists of lowering the existing roadway, constructing a shoofly track (3) building a new railroad bridge then moving the railroad back to the new structure and opening the new realigned street back to traffic. HDR was responsible for reviewing construction drawing for steel quantities in order to verify constructability and cost, and assisting with landscape quantities for all four phases.

Oregon Department of Transportation (ODOT), Oregon Bridge Delivery Project, Salem, OR. Peer Review Panel Member. As part of a three-person peer review panel, Jon is responsible for reviewing the construction procedures, operations and staffing for the construction branch of the Oregon Bridge Delivery Partners project. This review consists of interviewing staff assigned to this massive project to repair and/or replace 347 bridges in the state of Oregon. The objectives are to determine how the project is progressing, evaluate assigned staff and make determination on changes to staff assignments, processes and procedures to get the team ready for the impending ramp up of workload expected. The project consists of design-bid-build and design-build projects throughout the state to replace or repair nearly all the bridges in the state of Oregon.

I-5 Central Improvement Project, Orange County, CA. Chief of Structure Construction. Responsible for managing construction of structures for the I-5

reconstruction projects at Grand Avenue, 17th Street and Main Street. The three projects were part of a $579 million reconstruction of I-5 from the I-5/22/57 Interchange to the I-5/55 Interchange. The five-mile-corridor-project required program/construction management for six separate contracts and four independent contractors. It involved reconstructing dozens of freeway ramps and seven overcrossings and undercrossing at 17th Street, Lincoln Avenue, First Street, Fourth Street, Newport Avenue, Main Street, and Grand Avenue. Coordinated closely with FHWA; Caltrans Division of Structures, the Cities of Orange, Santa Ana, and Tustin; and major business centers such as the Main Place Mall and car dealerships. The project won ASCE Project of the Year award and various partnering awards.

I-5 North Improvement Project, Orange County, CA. Area Construction Manager. Manager for all operations for construction of the structures for the $1.1 billion, 9.5 mile I-5 corridor reconstruction in Orange County, spanning across the entire county from Beach Boulevard to the I-5/22/57 interchange and for a program of more than $1 billion for structures. This included three major full service freeway-to-freeway interchanges, new multilane structures, widening of existing structures, retaining walls, soundwalls and pump stations. The project required program/construction management of 11 simultaneous contracts and four independent contractors, as well as collaboration with the Downtown Anaheim Rehabilitation Project and the California Adventure expansion. The project won ASCE Project of the Year and various partnering awards.

I-5 South Improvement Project, Orange County, CA. Area Construction Manager. Responsible for managing construction of structures for this 15-mile $166 Million reconstruction of the I-5 from the I-5/405 Interchange (El Toro “Y”) to Pacific Coast Highway in Dana Point. The project, which was divided into three separate contracts, included a new Bake Parkway Interchange, reconstructing 30 freeway ramps, five new bridges, more than nine miles of auxiliary lanes, and 3.4 miles of collector/distributor road system.

I-5 Widening, Orange County, CA. Area Construction Manager. Responsible for leading all operations for construction of the structures for the I-5 in Orange County, spanning across the entire county and a program of more than $1 billion for structures. This included three major full service freeway-to-freeway interchanges, new multi-lane structures, widening of existing structures, retaining walls, soundwalls and pump stations. The entire project is approximately $3 billion and was completed in 2003.

SR-241, Foothill/Eastern Transportation Corridor, TCA, Orange County, CA. Area Construction Manager. Responsible for the oversight of the construction of structures for $803 million, 25-mile limited access toll road. Duties include managing oversight of the entire project, making determination on complex structure issues including piles issues, non-specification concrete removals, falsework inspection over state highways, and meetings with TCA and their inspection staff to verify compliance with Caltrans structure construction processes and manuals. The four-to-six lane road winds through mountainous, environmentally sensitive terrain, as well as urban areas where structures span 12 active highway lanes. The toll road includes 4 freeway-to-freeway interchanges, 5 interchanges for access to local streets, 69 bridges, 3 tunnels, and 10 toll plazas. Earthwork operations accommodated an extensive owner archaeological resource recovery program. The toll roads major segment opened 14-months ahead of schedule.

SR-73, San Joaquin Hill Transportation Corridor, TCA, Orange County, CA. Area Construction Manager. Responsible for the oversight of the construction of structures for the $830 Million, 16-mile design-build toll road. Worked closely with TCA and the contractor to develop a comprehensive construction inspection and quality assurance program for the design-build project. The corridor featured a new six lane roadway, 11 interchanges, 76 bridges, more than 1.2 million square feet of MSE walls, and extensive utility relocations. The corridor opened nearly four months ahead of schedule and had no outstanding claims or disputes. Change orders totaled less then 3%. SR-73 received Project of the Year awards from the American Society of Civil Engineers, the Design-Build Institute of America and the Orange County Consulting Engineers Council.